

4.2.A. 0801020901.

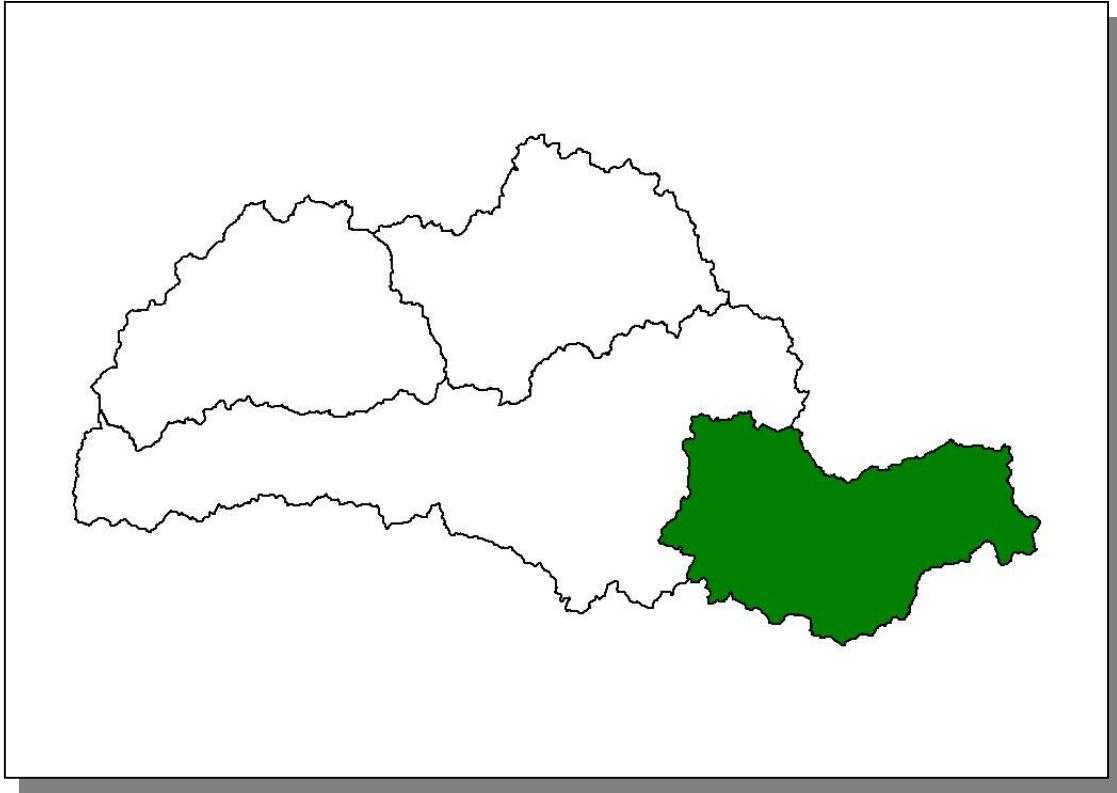


Figure 4-2. Location of Subwatershed 0801020901. All Loosahatchie HUC-10 subwatershed boundaries are shown for reference.

4.2.A.i. General Description.

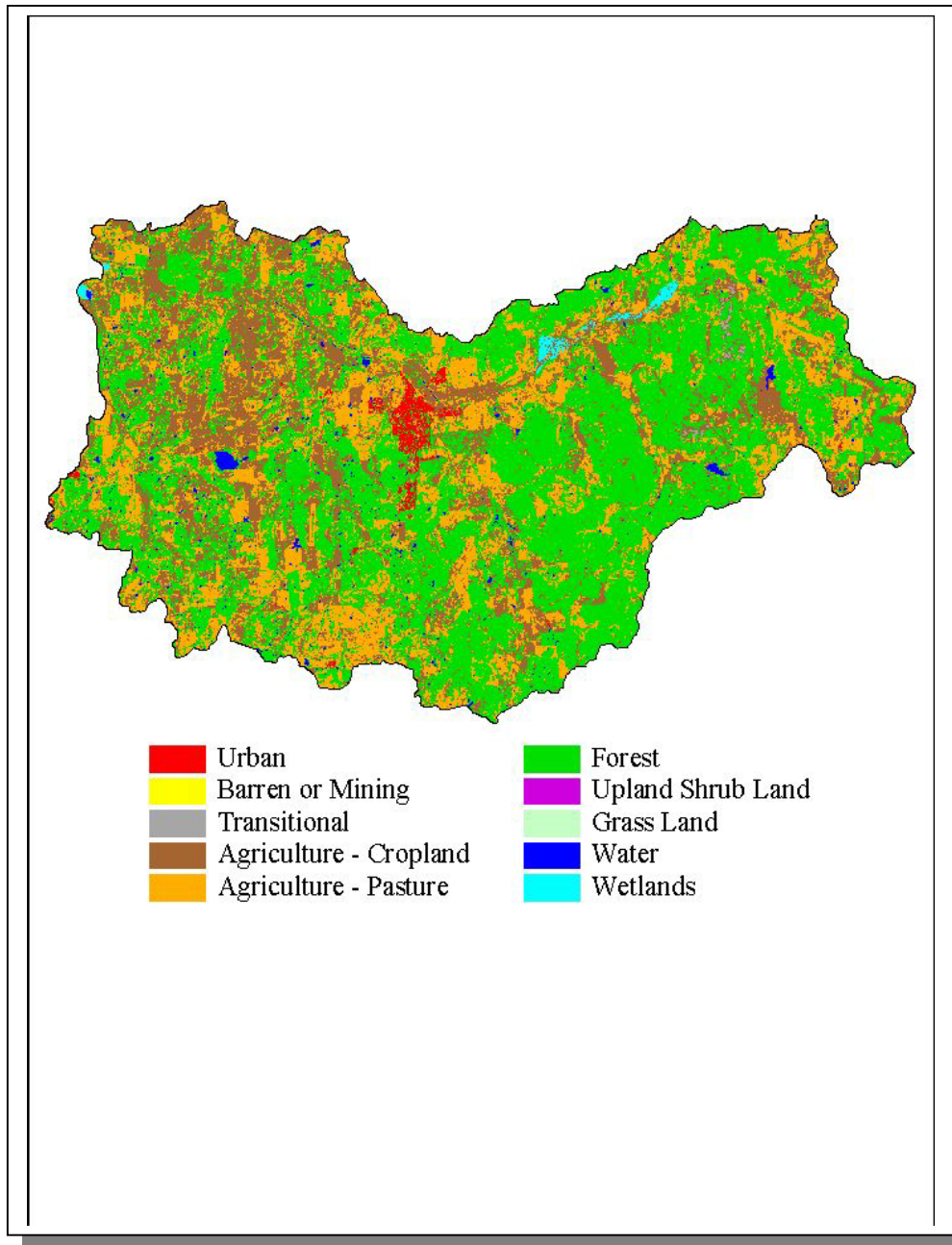


Figure 4-3. Illustration of Land Use Distribution in Subwatershed 0801020901.

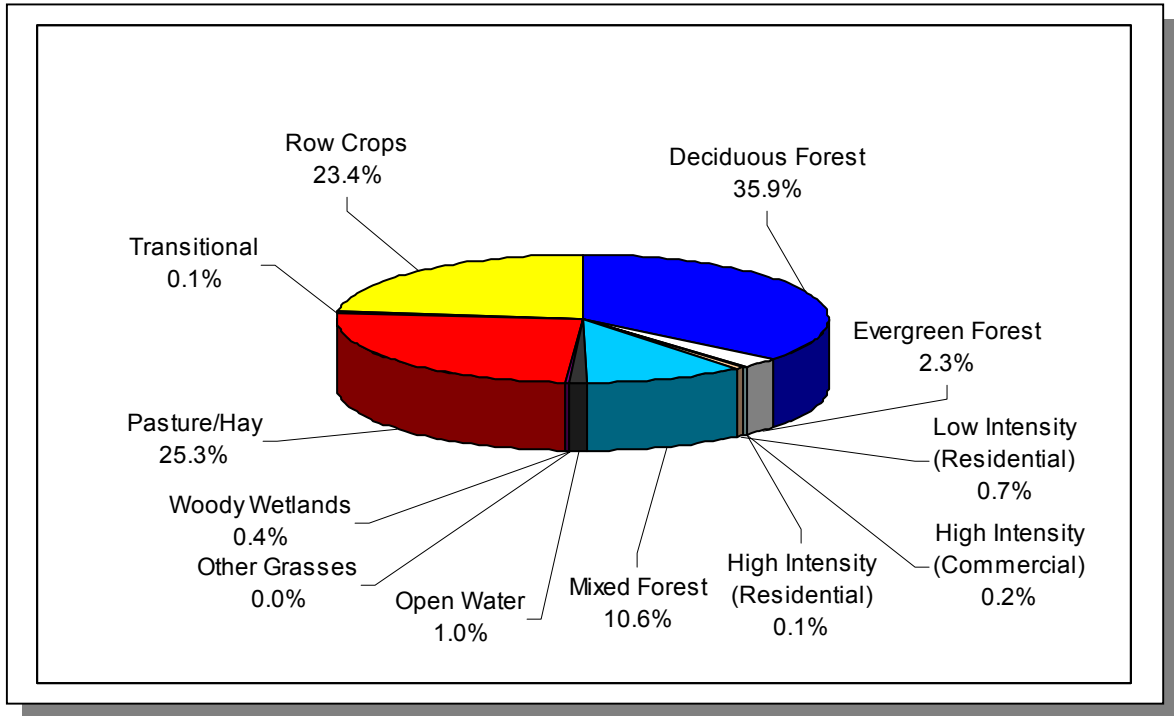


Figure 4-4. Land Use Distribution in Subwatershed 0801020901. More information is provided in Loosahatchie-Appendix IV.

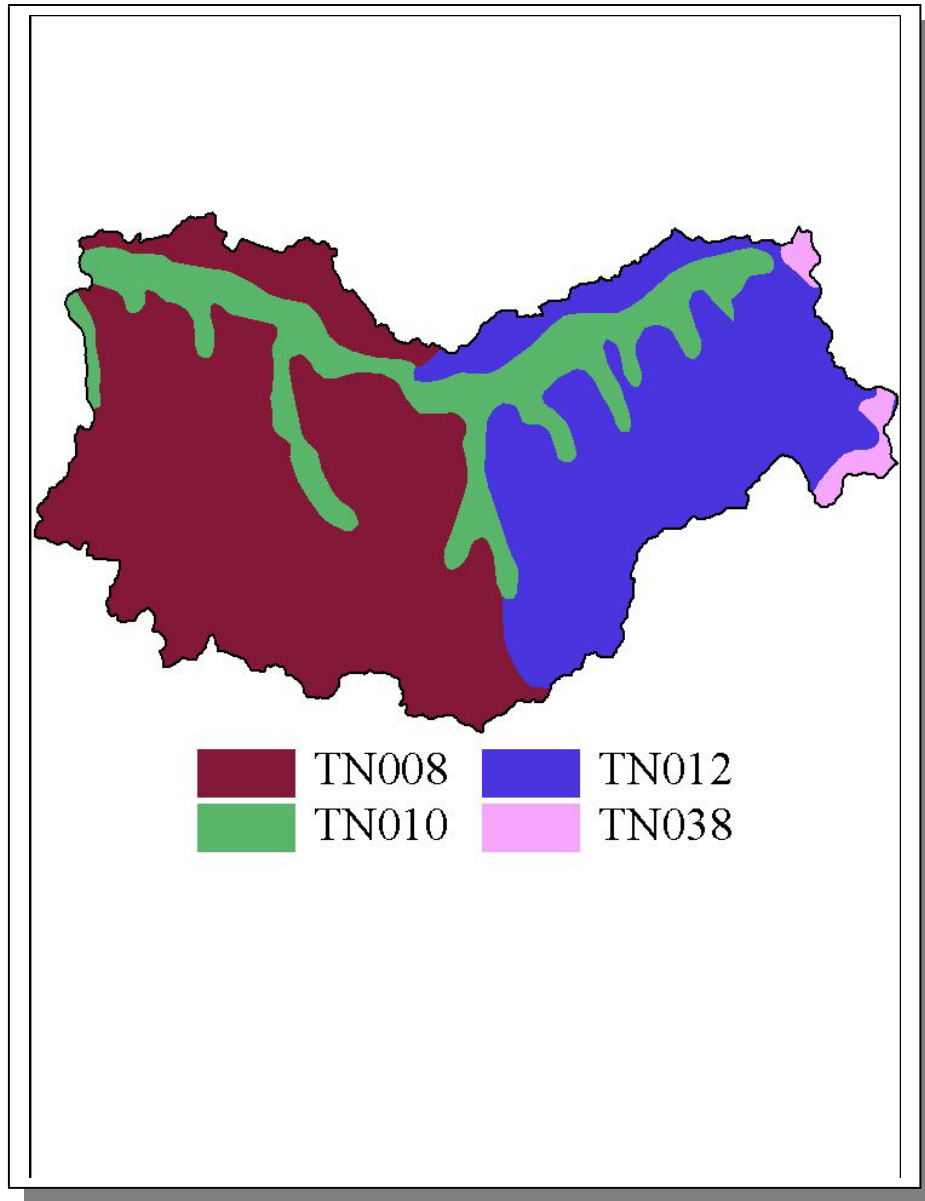


Figure 4-5. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0801020901.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN008	2.00	C	1.38	5.20	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN038	9.00	C	1.65	5.20	Silty Loam	0.46

Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0801020901. More details are provided in Loosahatchie-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
Fayette	25,559	29,412	20.05	5,125	5,898	15.1
Hardeman	23,377	24,702	1.47	344	364	5.8
Totals	48,936	54,114		5,469	6,262	14.5

Table 4-3. Population Estimates in Subwatershed 0801020901.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Oakland	Fayette	430	145	126	18	1
Somerville	Fayette	2,091	916	881	15	20
Williston	Fayette	383	146	9	133	4
Total		2,904	1,207	1,016	166	25

Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0801020901.

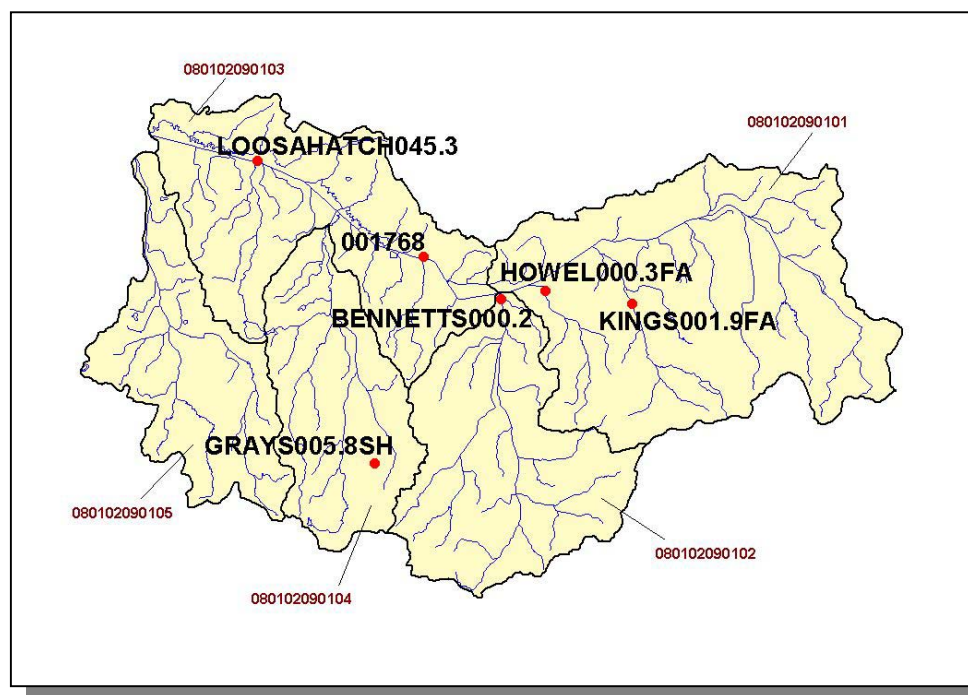


Figure 4-6. Location of Storet Monitoring Sites in Subwatershed 0801020901. Subwatershed 080102090101, 080102090102, 080102090103, 080102090104, and 080102090105 boundaries are shown for reference. More information, including the names of facilities, is provided in Loosahatchie-Appendix IV.

4.2.A.ii. Point Source Contributions.

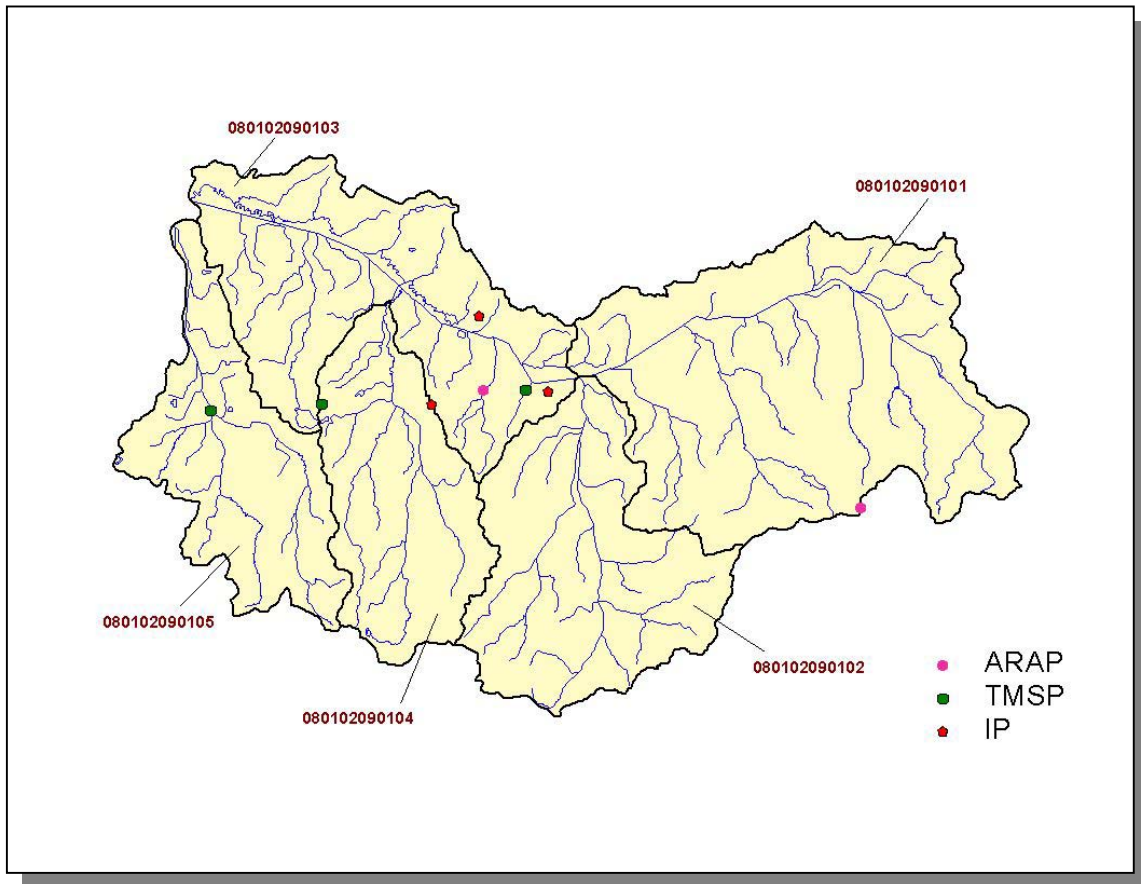


Figure 4-7. Location of Active Point Source Facilities in Subwatershed 0801020901. Subwatershed 080102090101, 080102090102, 080102090103, 080102090104, and 080102090105 boundaries are shown for reference. More information is provided in the following charts.

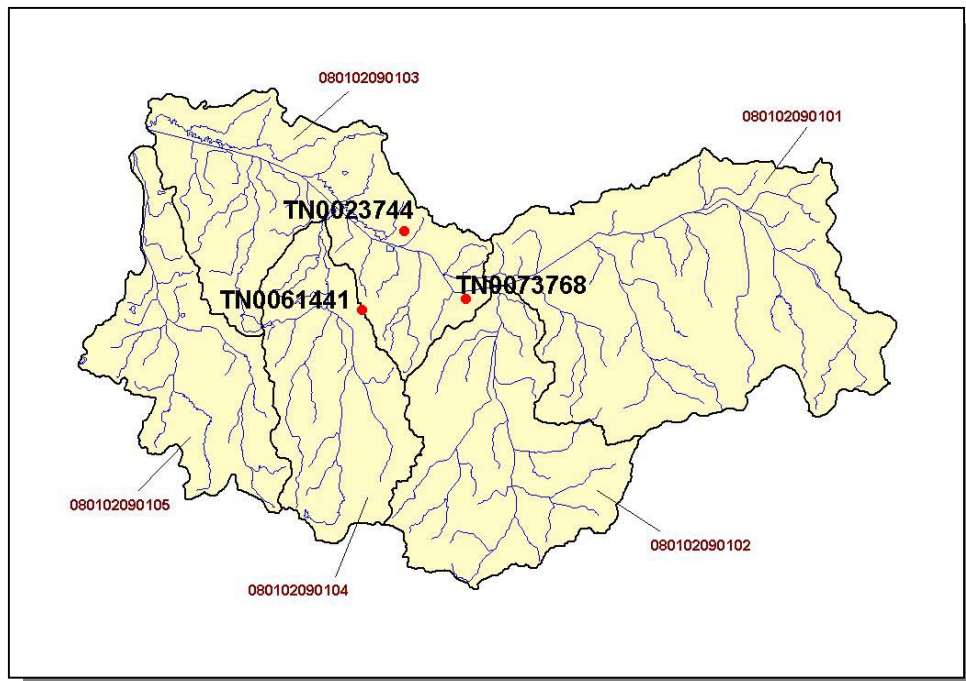


Figure 4-8. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 0801020901. Subwatershed 080102090101, 080102090102, 080102090103, 080102090104, and 080102090105 boundaries are shown for reference. More information, including the names of facilities, is provided in Loosahatchie-Appendix IV.

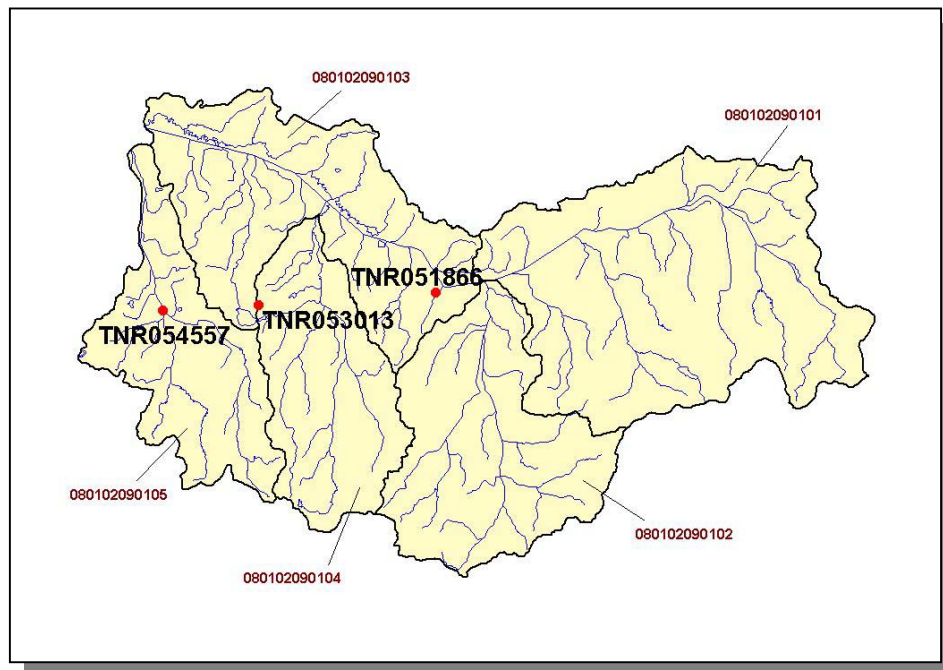


Figure 4-9. Location of TMSP Facilities in Subwatershed 0801020901. Subwatershed 080102090101, 080102090102, 080102090103, 080102090104, and 080102090105 boundaries are shown for reference. More information, including the names of facilities, is provided in Loosahatchie-Appendix IV.

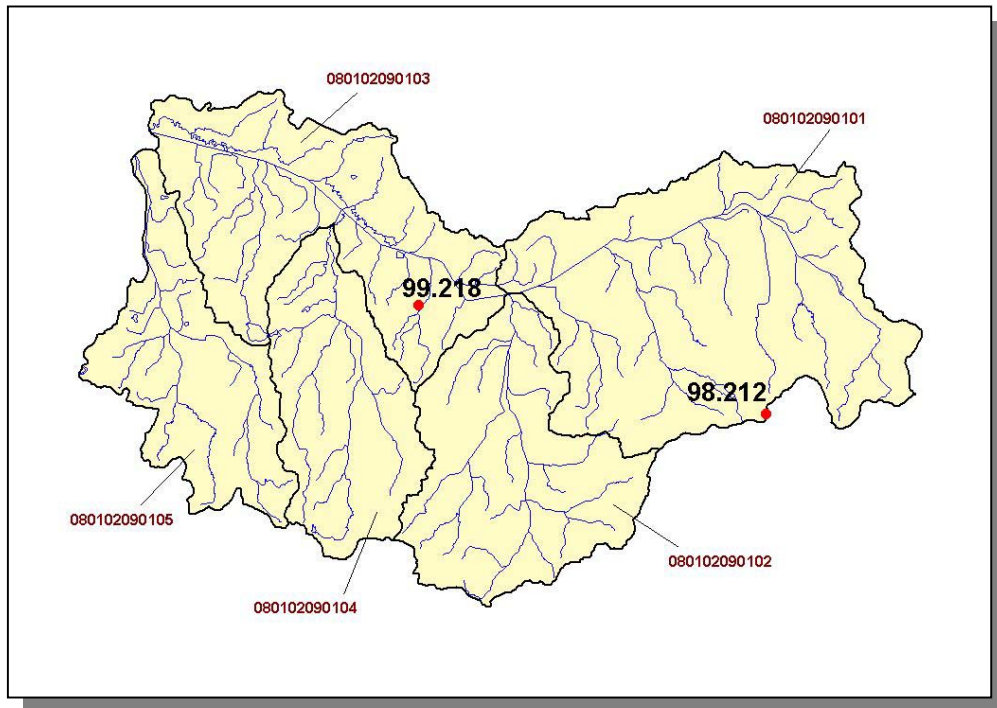


Figure 4-10. Location of ARAP Sites (Individual Permits) in Subwatershed 0801020901. Subwatershed 080102090101, 080102090102, 080102090103, 080102090104, and 080102090105 boundaries are shown for reference. More information, including the names of facilities, is provided in Loosahatchie-Appendix IV.

4.2.A.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
3,663	6,863	233	5	0	6,369	37

Table 4-5. Summary of Livestock Count Estimates in Subwatershed 0801020901. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Fayette	152.0	152.0	1.1	3.3
Hardeman	247.1	247.1	5.0	18.6
Totals	399.1	399.1	6.1	21.9

Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 0801020901.

CROPS	TONS/ACRE/YEAR
Corn (Row Crops)	19.12
Soybeans (Row Crops)	10.06
Cotton (Row Crops)	10.15
Sorghum (Row Crops)	3.04
Grass (Hayland)	0.34
Legume (Hayland)	0.16
Legume/Grass (Hayland)	0.22
Grass (Pastureland)	0.48
Grass, Forbs, Legumes (Mixed Pasture)	0.78
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Conservation Reserve Program Land	0.44
Wheat (Close Grown Cropland)	3.55
Fruit (Horticultural)	0.39
Summer Fallow (Other Cropland)	6.11
Other Cropland (Not Planted)	1.68
Farmsteads and Ranch Headquarters	0.18

Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 0801020901.